

REMARKS

In the above referenced case, claims 125-128 are pending. Applicant will sequentially address the issues raised by the Examiner.

I. The 35 U.S.C. §103 Rejections

Claims 125-128 were rejected under 35 U.S.C. §103(a) as being unpatentable over Baur et al., U.S. Patent No. 5,115,305 (“BAUR”) in view of Konno, U.S. Patent No. 4,497,015 (“KONNO”).

The Examiner relied on KONNO for rejecting certain limitations in element [a] of independent claims 125 and 127 and relied on BAUR for all other elements.

A. Claim 125

Amended independent claim 125 recites at least the following element:

[b][v] combining more than two altered separate primary color beams of light into a single collinear beam of light without previously subcombining any plurality of the altered separate primary color beams and without substantially changing the altered selected predetermined orientation of the chosen component of the electric field vectors of the plurality of portions of each of the separate beams of light....

As will be shown below, Applicant respectfully submits that BAUR fails to disclose at least element [b][v] of claim 125. Thus, claim 125 is not unpatentable over BAUR and KONNO.

1. BAUR Does Not Disclose or Suggest the Combining Step as Recited in Element [b][v] of Amended Claim 125

Element [b][v] of amended claim 125 recites combining more than two altered separate color beams of light into a single collinear beam of light without previously subcombining any plurality of the altered separate primary color beams.

In contrast, BAUR discloses a system where the blue and green beams are combined first by a first combiner (69), and then the blue and green combined beam is combined with the red beam by a second combiner (71).

The image carrying blue and green beams 84, 86 are first recombined by dichroic color recombiner 69. This recombined beam 90 having blue and green components passes into a polarizing beam recombiner cube 71 where it is recombined with the polarization rotated image carrying red beam 89. A ½-wave retarder 45 rotates the plane of polarization of the image carrying red beam 88, to form rotated beam 89, allowing it to be recombined with the recombined blue and green beam 90 in polarization beam recombiner cube 71 to form the total composite color video image beam 92. BAUR, col., 7, line 65 – col. 8, line 8.

Thus, BAUR does not disclose or suggest combining more than two altered separate color beams as recited by amended claim 125. Rather, BAUR involves first creating a subcombination of two of the beams.

Consequently, Applicant respectfully submits that BAUR cannot disclose or suggest element [b][v] of claim 125.

B. Claim 126

Claim 126 is dependent upon claim 125 and therefore should also be in condition for allowance.

C. Claim 127

Independent claim 127 recites substantially the same limitations as claim 125 as discussed above in Section I.A. Based on the foregoing arguments with respect to claim 125, claim 127 should also be in condition for allowance.

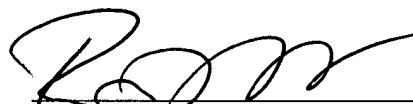
D. Claim 128

Claim 128 is dependent upon claim 127 and therefore should also be in condition for allowance.

II. Conclusion

In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance. Should the Examiner believe that a telephone interview would help advance the prosecution of this case, the Examiner is requested to contact the undersigned attorney.

Respectfully submitted,

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